



SHEBOYGAN COUNTY LAND INFORMATION MODERNIZATION PLAN

MAY 2005

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D) EXECUTIVE SUMMARY

Land Information Modernization is a progression of five types of activities. Those activities are: system initiation, data conversion, application development, record keeping, and data access. Sheboygan County's program has reached a point, which is well into the application development stage. Applications, which have been developed to date, focus primarily on operations within departments, which were involved in the system initiation and data conversion stages.

Future initiatives will focus on allowing other county activities such as administration, public safety, and emergency government to benefit from the resources which have been developed through the program, and which continue to be developed. Better record keeping practices will be developed. The program has given the county the ability to keep records more current, by updating them more frequently. Continuous updating of land records will have the added benefit of a smoother, less cyclic workflow, thereby better utilizing human resources. A need to better record metadata has also been identified. Metadata will be developed to document the actual utility of data sets, and to assure that data is not misused. The county has addressed data access by providing public access to land information through both free and fee based web applications. Sheboygan County's website address is; www.co.sheboygan.wi.us. Sheboygan County will continue to develop and improve data access for the public, and for internal users as well.

Sheboygan County's first Land Information Modernization Plan was completed in April 1992, and was approved by the Wisconsin Land Information Board on May 11, 1992. The term of that plan was five years. A second plan was completed in 1997, and was approved by the Land Information Board on June 8, 2000. The term of the second plan was also five years. This is Sheboygan County's third plan. It is needed to satisfy the conditions of chapters 16.967, and 59.72. Neither section of statute requires that a county Land Information Modernization Plan must have a five-year term. For that reason, and because the Wisconsin Land Information Board will soon dissolve, this plan will have no finite term, and is intended to be a living document.

The Sheboygan County Land Records Board appointed a special committee to develop this plan. The Committee included; **Edgar Harvey, Jr.**, County Surveyor-Highway Engineer and Land Information Officer, **Darlene Navis**, Register of Deeds; **Steve Steinhart**, Emergency Management Director, **Ann Wondergem**, Manager, Division of Social Services, **Shannon Haydin**, Director, Planning and Resources, and **Joyce Schneider**, Director of Information Systems.

The Sheboygan County contact person for the Wisconsin Land Information Program is:

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Contact him for information about this plan, or about the Sheboygan County Land Information Modernization Program.

II) LAND INFORMATION PLAN

A. Goals and Objectives

1. The Sheboygan County Land Information Program will implement changes in land records management activities, which will facilitate:
 - Improved data accuracy.
 - Lower costs and increased efficiency in county government.
 - Less duplication of functions between departments or other government and private agencies, and the public.
 - Better security, and improved access of information to users.
 - The best possible data base to support the widest range of possible applications.
- a. The County has entered into certain agreements with other agencies. The County will continue to seek out such arrangements. The County is not aware of other needed data, which could be acquired from other state or local sources at this time. However, when the existence of such suitable data becomes known, the County will attempt to acquire it before generating new similar data. Some examples of past cooperative arrangements are:
 - Digital orthophotos and digital soils maps were acquired under a cost sharing agreement with the United States Department of Agriculture, Natural Resources Conservation Service.
 - Digital planimetric mapping was acquired through a cooperative arrangement with the State of Wisconsin Department of Natural Resources and Bay-Lake Regional Planning Commission, and through a grant from the Wisconsin Land Information Board (hereafter WLIB).
 - Stream navigability information and history is maintained by the Wisconsin Department of Natural Resources (hereafter DNR). The County and DNR worked together to digitize existing floodplain maps, and attach this navigability information to it.
 - Sheboygan County contributed \$70,000 towards a City of Sheboygan aerial project, which resulted in orthophotography, planimetric mapping and topography in the City of Sheboygan.
 - The County, and the City of Sheboygan have entered into a data sharing agreement, which is summarized in a letter dated January 19, 2004 (see appendix "A").
- b. The County is not aware of other data, which we currently need, but cannot get.

- c. The County will assure less duplication of functions between departments or other government and private agencies, and the public by:
 - (1) Using only commonly accepted within the industry, or non-proprietary software.
 - (2) Develop and enhance in-house and public access computers, and make all information available at costs consistent with open records law, or with other applicable statutes. The County will additionally continue to maintain and develop on line accessibility.
 - (3) All digital mapping will be referenced to the Sheboygan County Coordinate Grid, as monumented by the Sheboygan County G.P.S. Network. This network is a densification of the Wisconsin Department of Transportation (hereafter DOT) High Accuracy Reference Network (hereafter HARN). The Sheboygan County Coordinate grid is defined in the Sheboygan County Code of Ordinances. The parameters of the projection are attached in appendix "B".
 - d. The County will ensure that its land information is geographically referenced for use by others through II.A.1.c. (1) through II.A.1.c. (3) above. Implementation of II.A.1.c. (1) through II.A.1.c. (3) is ongoing, and is subject to continuous revisions.
2. The management of the County's land information will support the County's five goals and objectives. To do this, the land information program must be structured and constructed in a manor aimed at achieving those goals.
- a. Parcel mapping is both a data feature and an application. The Sheboygan County digital parcel maps were generated, and are being maintained using a "cogo" (coordinate geometry) process. This process assures the most accurate possible maps. They are based on a countywide ground control project, which provides the best possible land base for all applications. This has helped to determine the existence of gaps, and overlaps, and more accurately represents acreage. The use of a single land base and a common reference base (the Sheboygan County Coordinate System) has resulted in lower costs and less duplication. Lower costs and less duplication are also achieved by faster retrieval times, which come with computerization. The computerization of the grantor-grantee index, the imaging of documents, digital parcel maps, and digital aerial photos have all resulted in increased security and accessibility.
 - b. The data itself is of a quality, which can support applications requiring the most precision (such as cogo generated parcel maps), and can therefore also support applications requiring less precision (such as floodplain mapping). All mapping is referenced to the Sheboygan County Coordinate Grid, and is therefore directly relatable to each other. Besides the obvious benefit in accuracy, lower costs, increased efficiency and a reduced need for duplicated functions has resulted from the interrelatability of the data layers. The ability of the County to output data in a wide range of formats has reduced the need for duplication of functions with the public. The Cities of Plymouth and Sheboygan, and Sheboygan County,

all use ESRI products. This allows an easy exchange of data without conversion. The use of our State approved geo-parcel ID numbers and State municipal and school codes improves access of data to users.

- c. The County has made a large investment in technology. The County Geographic Information System (GIS) is supported by a Windows2000 GIS server. In the demilitarized zone (DMZ), on the public side of the firewall, three Windows2000 servers are dedicated to Web applications, ESRI Internet Map server (IMS) applications, and SQL (structured queried language) database functions respectively. On the safe side of the firewall, a SAN's (Storage-Area Network) unit stores all GIS data, and all imaging associated with the Register of Deeds system. The Real Property Lister's and Treasurer's assessment and tax collection SQL databases are stored on a separate Windows2000 server. This information is transferred nightly to the Web server for next day online access by the public. The County's GIS software includes ESRI's ArcIMS. Multiple ESRI floating licenses of the various modules support the end user's ability to use the functionality of ArcGIS9, ArcInfo, ArcCOGO, ArcPress, ArcScan, ArcGIS 3D Analyst and ArcView. Mr. SID is currently used for compression of digital orthophotography. Other software modules which are used in the County and which support the GIS to varying extents are Autodesk's AutoCad2004, and AutoCad2004 LITE. Floating seats of Autodesk Land Desktop 2004, with Survey and Civil Design modules are also used. Adobe Photo Shop, Adobe Illustrator 10, Avenza Map Publisher 5, Dream Weaver and Java support the Internet site. The County Highway Department, Register of Deeds and Land Conservation Department each have a HP750c 36" plotter. The Planning & Resources department has a HP Designjet 5500PS 60" plotter. It is sharable by other departments via the network. The Register of Deeds office has an Ideal 42" colored roll scanner which is shared with other departments. The Land Conservation department shares a Trimble Pathfinder Global Positioning System (GPS) unit with the Planning & Resources department. It is used to collect resource grade map data from the field. The County Surveyor's office has Allen Osborne Rascal GPS receivers which are used for control surveys, and parcel mapping. This technology, together with the other components of the GIS, will improve the accuracy and ease of access of information by making the information more easily retrievable at more locations, resulting in reduced costs for Sheboygan County and its constituents.

- * d. The Sheboygan County Land Records Board includes the Register of Deeds, the Treasurer, the County Surveyor, the Real Property Lister, the Planning Director, the Information Systems Manager, the Land Conservation Department Manager, and the Finance Director. The County Surveyor is the Land Information Officer. The Land Records Board reports to the Finance Committee of the County Board, which reports to the full County Board. This structure supports the County's goals and objectives by including a wide range of departments and both professional and elected people in the decision making process.

B. Progress Report on Ongoing Activities

In addition to the previously listed projects, Sheboygan County has done a great deal towards achieving their goals and objectives.

January 1992

- Automated tract index begins in the Register of Deeds Office.

June 1992

- Fairview industries delivered the final design of the Sheboygan County Coordinate Grid.

August 1992

- Sheboygan County HARN densification completed.

March 1995

- After six contracts with five contractors, the Sheboygan County section corner control survey is completed. This survey established control on all remonumented section corners in the County. Work continues to date.

April 1995

- Purchased geographic information system (hereafter GIS) hardware and software.

June 1995

- Digital parcel mapping begins.

July 1995

- Purchased digital wetland maps from DNR.

January 1996

- Received digital planimetric files for the north half of the County.
- Contracted with NRCS for digital soils maps, and orthophotos.

February 1996

- Digitized FEMA floodplain maps of the north half of the County for navigable stream inventory and history.
- Digital zoning mapping begins.

June 1996

- Automated tract index put on line.
- Wisconsin Bell enhances 911 software.
- Scanning of documents in the Register of Deeds Office begins.

July 1996

- Tracking of shoreland and sanitary permits begins on GIS.

January 1997

- Dual frequency GPS receivers purchased.
- Document imaging begins in Register of Deeds Office.
- Hummingbird software installed to link PC terminals with Unix GIS Server.

March 1999

- Digital zoning maps are completed

June 2000

- Old “home grown” tax parcel listing, billing and collection system is replaced with the more functional and efficient commercial product “CPC” (now EGTS).

March 20, 2001

- Digital Parcel mapping is completed.

November 2001

- Political redistricting is done, using the census “Tiger Files”. The new district maps are placed on the county website.

October 2002

- Sheboygan self-published atlas is delivered and made available for sale to the public.

December 2002

- Arc IMS is purchased and maps are put on line.

September 2003

- Image America delivered April 2003 flight orthophotography.

October 2003

- Plats of Survey filed in the Real Property Lister’s office are scanned.

November 2004

- Purchased Trimbal Pathfinder GPS unit.

April 2005

- Read Action software installed in the Register of Deeds Office.

May 2005

- Ayres Associates delivers the November 2004 flight Lidar project.
- Redacting software is purchased and installed in the Register of Deeds office. This software automatically excludes confidential information from document images.

C. New Initiatives

1. Proposed Projects

Digital orthophotos may be updated on a more regular basis. Early in the County’s Land Information Modernization Program, a commitment was made to the development and maintenance of planimetric mapping. It was felt that planimetric mapping could be updated

more cheaply than digital orthophotography. Orthophotography can only be updated by a completely new flight. At that time, computers did not normally have the huge amounts of memory needed to deal with digital orthophotography. Today, computers are more able to deal with even small resolution orthophotography. The use of digital aerial cameras has reduced the cost of orthophotography, making updates much more affordable. **Sheboygan County was the first county in Wisconsin to utilize digital cameras for orthophotography.**

Planimetric mapping may be reconsidered in the future. Planimetric mapping has a value to certain emergency response applications. Information about buildings can be tied to polygons in a planimetric map. Such information cannot be tied to clusters of pixels in an orthophoto.

The Information Services Department will continue to **establish and expand intra-county GIS access sites**. Access computers will be established and maintained at a number of offices including the Register of Deeds, Treasurers, Planning and Resources, Real Property Listing, County Surveyors, Land Conservation, Sheriffs, and Public Health. This task will include adequate facilities for hard copy and digital copy output at each location.

The County will continue to work to complete a **countywide address map**, including areas in which the county does not assign addresses. The address map may be geo-coded. This map will be the basis for all routing applications including 911 dispatching. It will be used for epidemic tracking and routing by the Division of Public Health. It will also be used by the Sheriffs office with the planimetric mapping, or digital orthophotos for Haz-Mat, and Automatic vehicle locating applications when they are developed. It will be used by the County Clerks Office for political redistricting. The development of this map is a high priority.

Some applications for **video imaging and photographic imaging** may be developed within the Planning and Resources Department, by local assessors, and by the Sheriffs Department for accident reporting and reconstruction. If it becomes practical, the Planning Department may acquire this capability.

The County Treasurer's Office may:

- **Image tax bills, payment checks, and assessment records.**

The Register of Deeds Office may:

- **Back image land records** at least to 1992, including federal tax liens.
- Revise **automated tracting** to tract to the certified survey map lot number.
- Acquire **E-Recording** capabilities.
- Acquire technology to read, edit, and process the WDOR proposed **Wisconsin Digital Real Estate Transfer Return**.

The Land Conservation Department may purchase additional **digital historic aerial photos** as they become available.

The Highway Department may:

- Begin **driveway and utility permit tracking**.
- Develop a **highway right-of-way inventory map**.
- Upgrade it's Allen Osborne Rascals to acquire **real time gps** capabilities
- Develop pavement management, or other **facilities management capabilities** from existing GIS resources.
- Develop a **GPS base station** for real time kinematic (RTK) use by the public.

✓ The Real Property Lister's Office may:

- Acquire technology to allow **automatic updates of the tax and assessment rolls** at a local level.
- Acquire technology to allow more frequent (possibly continuous) **updating of the parcel maps**.
- Retire at least one set of parcel numbers, which are referred to as the "map number", or "T" number. These numbers are a hold over from the WPA "Gray Book" project, and no longer serves any useful purpose. Sheboygan County currently maintains at least three sets of parcel numbers.
- Work with other departments and agencies to successfully put the proposed electronic transfer return (E-Trans) in place.
- Initiate and coordinate the electronic reporting of municipal assessment data.
- Review all real estate descriptions in the tax and assessment roles and abbreviate or condense them when possible.

The County will provide employees and any additional staff needed with technical training and equipment necessary to allow them to understand and efficiently operate and maintain the new land information system.

The County will maintain, and periodically update, all land information resources, which have been, or will be acquired.

The Sheboygan County Land Information Program has resulted in a large set of resources, and capabilities, which the county did not previously have. The capabilities, and resources can now be utilized by departments and agencies, which were not involved in the development of the system.

- The following data sets may be developed for The Health and Human Services Department, Division on Aging
 - Transportation Program Tracking of Users by Address and Pick Up Points
 - Senior Dining Site Participants by Address compared to location of Dining Sites
 - Outreach Calls Addresses
- The following data may be developed for the Health and Human Services Department, Division of Community Programs
 - Placement Facilities by Type
 - Specific Clients by Address (examples: require electricity for special, certain health needs impacted by weather, etc.)

- Location of all Contract Providers by Type
- The following data sets may be developed for the Department of Human Services, Division of Economic Support
 - W-2 Client addresses
 - Business Addresses by Type of Business
 - Child Care Providers by Type and Location
 - Medical Providers by HMO, location and possibly other data characteristics
 - Food Pantries by Location
 - Low Income Housing Units
- The following data sets may be developed for the Department of Human Services, Division of Public Health
 - Child Care Providers by Type and Location
 - Medical Providers by HMO, location and possibly other data characteristics
 - Food Pantries by Location
 - Low Income Housing Units
 - Restaurants by location and type
 - Hotels by location and type
 - Swimming Pools/Water parks (non-residential)
 - Campgrounds
 - Temporary Event Sites
 - Landfills
 - Business and Industry with Significant Chemical Hazard Potential
 - Beach locations
 - WIC Client Addresses
 - Schools
- The following data sets and applications may be developed for the Department of Health and Human Services, Division of Social Services
 - Tracking patterns and identifying “hot spots”, and then cross matching with resources. For example, where juvenile crimes are committed or where clients are living---and where are social service agencies located that offer protective factors for juvenile delinquency.
 - Could do the same for low-income clients, low-income housing, food stamp recipients, child abuse victims, ethnic characteristics, etc. Part of the benefit would be to identify gaps in resource coverage, accessibility, etc.
 - We have been looking at Community Youth Mapping as an eventual project to include youth in identification of resources Foster Homes by Location
 - Schools
 - Placement Facilities by Type
 - Specific Clients by Address (examples: require electricity for special, certain health needs impacted by weather, etc.)
 - Location of all Contract Providers by Type

- Other data which may be developed for the Department of Health and Human Services includes:
 - Areas of Expertise (Child Protective Services, Crisis Counseling, Juvenile Court Intake, Environmental Health, etc.)
 - Second Language Capabilities
 - VPN Access from Home
 - Community Organizations by Type by location (address) may be able to interface with the AIRS list from Family Connections
 - Homeless Shelters
 - Firehouses
 - Police Stations
 - Safe Places
 - Raze Orders
 - Crime Data
 - Lead Rates
 - Birth Information (% births to teens, % low birth weight, % very low birth rate, % dental care during pregnancy, % smoke during pregnancy)

The Sheriff's Department may acquire or construct a wireless 911 system consistent with 2003 Wisconsin Act 48. Existing land information will be used for that purpose to the greatest practicable extent. Any land information which is developed for the wireless 911 system will be consistent with this plan and shall conform to the standards on which this plan is based. It will not duplicate land information and other efforts funded through the land information program. They may also acquire "Reverse 911" capabilities.

The Information Systems Department may acquire disaster recovery capabilities, including secondary access to data facilities. This system will probably be an expansion, update, and permanent maintenance of the City of Sheboygan's existing reverse 911 system. That system covered only the City, and the database has not been kept current.

The Information Services Department will continue to publish the bi-annual Sheboygan County Atlas. It will be sold through the Treasurer's Office.

2. Assistance Required

- a) Sheboygan County has a high level of in house expertise in the areas of cartography, computer application development, and computer support. However, when it is beneficial, or necessary to contract additional consultant services, the county has, and will continue to do so.
- b) Much of the proposed work will be funded through retained fees collected through the land information program. However, additional assistance will be needed through aids to local governments from WLIB. The County hopes that WLIB will not adopt policies and initiatives, which will limit the availability of funds for these activities.
- c) The county will maximize resources by utilizing competitive procure processes.

Chapter 50 of the Sheboygan County code of ordinances is attached in addendum "C".

3. The County is not aware of any project, which we are currently unable to accomplish for any specific reason.

D. Custodial Responsibilities

The land information and data for which the County has custodial responsibility, the County Department in which that information and data is held, and the authority under which it is held is listed in addendum "D".

The County is not aware of any additional land information for which County custodianship would be a benefit. The County will assume custodianship of any land information for which maintenance is not an unreasonable burden.

E. Foundational Elements and State-Wide Standards

1. Communication, Education, Training and Facilitated Technical Assistance

The County has, and will continue to participate in the State Clearinghouse and Technical Assistance List Server.

Land Information Officer education and training funds will continue to be used to send the County Land Information Officer to the Wisconsin Land Information Association (WLIA) Annual Conference, or to other applicable training.

2. Geographic Reference Frameworks

The Sheboygan County geographic reference network was put in place in 1992. Work continues on the section corner control network. All mapping in the County is referenced to these two networks.

The Sheboygan County geographic reference network is a densification of the HARN. It consists of 72 geodetic control quality monuments distributed throughout the County at an approximate three-mile interval. The network is referenced to the North American datum of 1983 (adjustment of 1991). Values are reported in Sheboygan County Coordinate Grid coordinates, and Geodetic Coordinates. This network exceeds the requirements of the WLIB Specifications and Guidelines to support the Densification of the Wisconsin High Accuracy Reference Network.

The Sheboygan County section corner network is a densification of the Sheboygan County geographic reference network. Values were surveyed to a positional tolerance of three centimeters from the geodetic control network and are reported in County Grid Coordinates only. The County discourages the use of other projections.

However, when necessary, the County does assist with coordinate conversions. This network exceeds the requirements of national standards for second order class II accuracy. Coordinates have been established for all Public Land Survey System (PLSS) corners and centers of sections, which have been remonumented. Remonumentation will continue (fewer than 40 corners remain), and coordinates of those corners will be published as the work progresses.

In some applications, physical objects are used to control scaling and referencing of existing mapping. In those cases, the locations of those structures are usually determined by the County's digital Planimetric mapping. This mapping was controlled by the section corner network, and conforms to National Map Accuracy Standards for 1"=400' mapping.

Sheboygan County has developed, and will continue to expand, a county wide vertical control network. The network is referenced to NGVD 1929. The County Flood Plane and Shoreland Ordinance, and the County Sanitary Ordinance both require the use of this datum. All existing infrastructure. Studies, and mapping, are referenced to that datum. The County will not move to any new vertical Datum. These benchmarks meet the national standards for third order accuracy.

Data sheets and other information on all three Sheboygan County systems are available on the Sheboygan County Web site.

Through a countywide Lidar flight, which took place in November 2004, Sheboygan County has acquired DEM data. The data includes contours, mass points, and break lines. **Sheboygan County is the first county in Wisconsin to use Lidar for a countywide project.**

3. Parcel mapping

The conversion from the old WPA "gray books", to intelligent digital parcel maps, is complete. The cogo procedure that was used, and our dense land reference (both in and outside public land survey areas) assured that positions of parcels are depicted with a high degree of accuracy. All fields of information from the tax and assessment rolls can be accessed through the GIS. This information conforms to WLIB and Wisconsin Department of Revenue (hereafter DOR) standards. The same standards are, and will continue to be observed during parcel mapping maintenance.

4. Parcel Administration

All fields of information from the tax and assessment rolls are linked to the parcel map attribute tables, and are therefore accessible through the GIS. Owner's names can only be accessed from public access terminals within County Buildings, or

through a subscription service. They cannot be accessed through the Internet, without the subscription service. This information conforms to WLJB and Wisconsin Department of Revenue (hereafter DOR) standards. The same standards are, and will continue to be observed during parcel mapping administration.

5. Public access

Public access to data is provided in a number of ways. Digital data is sold at costs consistent with the open records law or other applicable statutes. Specialized work products compiled from the public record are not prepared by the County for members of the public. Copies of data are only provided in their native format. Dedicated public access computer terminals are provided in numbers adequate to meet customer needs.

Most information can be accessed from the County Web site. To address system security issues, Internet accessible information is kept in the DMZ. Depending on the specific data set, it is made current by downloads on a daily to annual schedule.

To address privacy issues, owner's names can only be accessed from public access terminals within County Buildings, or through a subscription service. They cannot be accessed through the Internet, without the subscription service.

To date, most land information has been sold to the public, for the reasonable cost of reproduction. The exception has been certain records in the Register of Deeds Office. The cost of copies of those records is set by state statute. In the future, the County may elect to copyright certain sets of data. The new lidar information is an example of such data. If data is copyrighted, it can be sold for more than the reasonable cost of reproduction. The County would intend to sell it at a higher cost. The 2002 and 2004 County Atlas' were both copyrighted.

Through the Wisconsin Land Information Program, a one-dollar fee for each transfer document is generated, which is designated to public access. This money has been used to purchase hardware for the Register of Deeds indexing and imaging system and public access sites at a number of county offices. The money will continue to be used for similar purposes in the future.

6. Zoning maps

Zoning maps for the unincorporated areas of the County (the Towns), and for the Village of Glenbeulah, were developed by using the parcel maps as a base map. This assures an exact match between data sets. Sheboygan County does not have countywide zoning. Zoning is handled by the individual municipalities. Zoning mapping is done as a service for the municipalities.

Sheboygan County does have countywide shoreland and floodplain zoning. Floodplain mapping was digitized from the paper FEMA Flood Insurance Rate Maps (FIRMs). Each individual reach of stream was indexed between at least two common identifiable features from both the FIRM and the County's planimetric mapping. The County will participate in the FEMA map modernization project.

7. Soils Mapping

Soils maps were acquired through a cooperative arrangement with the Natural Resources Conservation Service (NRCS). The work was none by NRCS, to NRCS standards. The only customization of the maps, which was done by the county, was to project them into the Sheboygan County Coordinate Grid.

8. Wetlands Mapping

Wetlands maps were acquired through a cooperative arrangement with the Wisconsin Department of Natural Resources (DNR). The work was none by DNR, to DNR standards. The only customization of the maps, which was done by the county, was to project them into the Sheboygan County Coordinate Grid.

9. Institutional Arrangements and Integration

Sheboygan County and the City of Sheboygan have entered into a data sharing agreement, which is summarized in a letter dated January 19, 2004 (see appendix "A"). It is through this arrangement that City of Sheboygan parcel mapping is available on the County web site. Significant information, which is particularly useful in the areas of emergency response, and public health, is also shared.

In 2002, Sheboygan County entered into an agreement with Times Printing Company, Inc. By this arrangement, Times printed the County Atlas in 2002, 2004, and will print it again in 2006, for the value of any advertising that Times can sell.

10. Election and Administrative Boundary System

Sheboygan County has completed, and is maintaining digital municipal boundary maps. In the future, these maps may be moved to a format in which they are automatically generated each time that they are used, from the parcel maps. Municipality is a data field in the tax roll, which is linked to the parcel map attribute table. No Municipal boundary map would then need to be stored, or maintained. Although the county does not maintain school district boundary maps, TIFF district

maps, or sanitary district maps, those maps could be generated by the same process. The County has completed, and will maintain digital maps for emergency government service areas, including: First Responders, Fire Departments, Ambulances, and Jaws of Life.

The County uses TIGER files for political representation area redistricting. Maps of political districts are complete, and will continue to be maintained. These maps will probably be updated to use the County's road centerline – address maps as a base.

11. Street/Road Centerline and Addresses

Sheboygan County has a digital street/road centerline map. It was originally extracted from the 1995 planimetric mapping. New roads have been added to keep it current.

The County will continue to work to complete a countywide address map, including areas in which the county does not assign addresses. The address map may be geo-coded. This map will be the basis for all routing applications including 911 dispatching. It will be used for epidemic tracking and routing by the Nurses office. It will also be used by the Sheriffs office with the planimetric mapping, or digital orthophotos for Haz-Mat, and Automatic vehicle locating applications when they are developed. It will be used by the Clerks Office for political redistricting. The development of this map is a high priority.

The County has several road name maps. Several have been needed because of the varying scales and desired detail of printed maps. A better defined, hand labeled set of road name maps is needed.

12. Land Use Mapping

Land use maps were acquired through a cooperative arrangement with the Bay Lakes Regional Planning Commission. The work was done by Bay Lakes, to Bay Lakes standards. The only customization of the maps, which was done by the county, was to project them into the Sheboygan County Coordinate Grid.

13. Natural Resources

Sheboygan County has not acquired any countywide natural resources mapping. When a need for such mapping arises, or when such mapping becomes available at a reasonable price, the County may acquire it.

14. Data Base Design

The Sheboygan County GIS data base structure was designed in 1995, with the assistance of Peter Thum of GeoAnalytics, Inc. (then H2Geo Consulting). Much of

the data structure within the database predates the development of applicable standards by WLIB. However, it does include many of the required fields. Parcel numbering, school district numbering, and municipality numbering are State schemes. The County will in all cases conform to WLIB data exchange format standards.

Sheboygan County is in the process of migrating to a geodatabase format. No standard has yet been established for parcel geodatabase structures. The geodatabase design is not yet complete. It is likely that the County's conversion will be complete before a standard is approved. In designing the geodatabase, Sheboygan County will consider the requirements of existing, applicable standards, and the experiences of other counties.

15. Infrastructure and Facility Management

Sheboygan County has used the GIS for facility (culverts and, bridges) inventory purposes. Some interest exists to use existing GIS resources for facility management purposes. The County may begin such a program. Particularly for pavement management purposes.

16. Integration and Cooperation

Sheboygan County and the City of Sheboygan have entered into a data sharing agreement, which is summarized in a letter dated January 19, 2004 (see appendix "A"). It is through this arrangement that City of Sheboygan parcel mapping is available on the County web site. Significant information, which is particularly useful in the areas of emergency response, and public health is also shared.

In 2002, Sheboygan County entered into an agreement with Times Printing Company, Inc. By this arrangement, Times printed the County Atlas in 2002, 2004, and will print it again in 2006, for the value of any advertising that Times can sell.

A shared directory on the County GIS server, allows all departments access to most county wide GIS data, regardless of which department is the custodian of the data.

The Sheboygan County Land Information board meets each year, just before the various departments finalize their budgets for the following year. Based on projections of the following year's land records revenue, the board makes recommendations for funding of the various department projects. At the same time, municipalities submit projects for funding.

All municipalities are allowed free subscription service to the County subscription level GIS. The City of Sheboygan has access to the Register of Deeds document index and imaging at County cost.

17. Administrative Standards Not Associated With Foundational Elements

Sheboygan County Agrees to:

- 1) Observe and follow the statutes relating to the Wisconsin Land Information Program and other relevant statutes.
- 2) Permit the Wisconsin Land Information Board access to books, records, and projects for inspection and audit including unannounced audits by the Board.
- 3) Complete the Annual WLIP Survey.
- 4) Update this plan when needed.

APPENDIX A

CITY/COUNTY DATA SHARING AGREEMENT

for

Sheboygan County Land Information
Modernization Plan

January 19, 2004

Mayor James Schramm
City Hall
828 Center Avenue
Sheboygan, WI 53081

Subject: City-County GIS Data Sharing

Dear Mayor Schramm,

Tom Holtan, Tom Horness and Margie Verhelst met on Wednesday morning with County Planner Shannon Haydin, IS Director Joyce Schneider, Brett Zemba, Robert Lee and myself. We discussed the need for certain city map files to be included in the Sheboygan County GIS (Geographic Information System) and the Sheboygan County website. The city and county representatives present, reviewed their needs and agreed on the following actions:

City of Sheboygan will:

1. Provide the county with a copy of their current digital parcel mapping. The mapping will be delivered in "DWG" format. The first copy will be delivered as soon as possible. Updates will be delivered to the county annually in April or May.
2. Provide the county with a copy of their current digital street centerline map. This will be delivered in "DWG" format. Delivery will be made as soon as possible. In addition, update files will be delivered to the county on an ongoing basis.

County of Sheboygan will:

1. Explore access to the county GIS server via the existing fiber optic network connection between agencies. This will allow the city access to county mapping and will provide a convenient method to exchange GIS data.
2. The county will create and maintain a geo-coded address map from the city's centerline map. This will become part of the new county wide address map. If the County Planning and Resource Department has funding available to hire summer interns, delivery of the map to the city could be expected in early 2005.
3. Explore the possibility of providing "Laredo", (the Register of Deed's document imaging system) to the city at the Assessor's and City Engineer's office. This will allow the city to work on parcel mapping updates throughout the year, rather than waiting for the tax roll to be closed.

We also discussed the delivery of the products from the city's spring 2003 aerial photography

project to the county. This is to be done under a cost sharing agreement which was made last winter. Because of differences in the two agencies pricing policy, the city will copyright the data before delivering the data to the county. Final delivery from the contractor and to the county is expected in February. Joyce Schneider has already forwarded information to aid the city in obtaining the needed copyright.

As technology changes, we may change the way that this data is shared. The arrangements which are outlined above will create an easy, fluid method by which data can be exchanged. Thank you for your help in making these arrangements.

Sincerely,

Edgar Harvey Jr.
Land Information Officer

EH/td

CC: William Goehring, Co. Board Chairman
Adam Payne, Administrative Coordinator

APPENDIX B

SHEBOYGAN COUNTY
COORDINATE GRID PARAMETERS

for

Sheboygan County Land Information
Modernization Plan

SHEBOYGAN COUNTY COORDINATE GRID

Parameters

Projection	transverse mercator
Units	U.S. survey feet
Spheroid	GRS 80 (see below)
Central Meridian (CM)	87° 33' 00"
Scale factor at CM	1.000000000
Latitude of grid origin	43° 16' 00"
False easting	262000.00 survey feet (79857.760 meters)
False northing	0.00 survey feet (0.00 meters)
Design elevation	148.86 meters (see below)
Geoidal separation	-34.02 meters

An average elevation of 600 feet (NAVD29) was assumed in designing the Sheboygan County Coordinate Grid. The average geoidal separation is about -112 feet. The projection is based on a modified GRS 80 ellipsoid. The Sheboygan County ellipsoid is parallel to the GRS 80 ellipsoid, but swelled by 148.86 meters (600 feet - 112 feet) in all directions. The resulting Sheboygan County ellipsoid is as follows:

Semi-major axis	6378285.86 meters
Semi-minor axis	6356901.1741403 meters
Flattening inverse	298.26418131564

Computation of Grid Factors

Using the modified GRS 80, Sheboygan County ellipsoid, the diameter of the earth in Sheboygan County is about 20923114 feet. The scale factor at grid (elevation 488.38) is 1.000000000.

The "H" variable in the grid factor formula is therefore the mean sea level (MSL) elevation of the line minus 488.

Example: (the NW corner of section 7, Town of Mitchell)

Elevation	1010
Scale factor	1.0000297774
"H" factor	1010-488=522

$$\text{"Sea Level Factor"} = \frac{20923114}{20923114 + 522} = 0.999975052$$

$$\text{Grid Factor} = 0.999975052 \times 1.0000297774 = 1.000004828$$

$$\text{Or } 1:207125$$

$$\text{Or about } 0.013 \text{ feet per half mile}$$

This exercise really shows that grid factors (ground to grid distortion ratios) can generally be ignored when working on the Sheboygan County Coordinate Grid. The grid was designed so that the distortions are even less in and around the urban parts of the county.

February 4, 2005

APPENDIX C
SHEBOYGAN COUNTY
CODE OF ORDINANCES
CHAPTER 50

for

Sheboygan County Land Information
Modernization Plan

CHAPTER 50
COUNTY PURCHASING PROCEDURES
50.01 DEFINITIONS
50.02 WHEN PUBLIC BIDDING REQUIRED
50.03 WHEN PUBLIC BIDDING OPTIONAL
50.04 CONTRACTS FOR SERVICES
50.05 BIDDING PROCEDURE
50.06 RESPONSIBLE BIDDERS
50.07 WITHDRAWAL OF BIDS
50.08 USED EQUIPMENT PURCHASES
50.09 EXTREME EMERGENCY
50.10 INTERNAL PURCHASING PROCEDURES
50.11 INTERPRETATION
50.12 OFFICIAL COUNTY NEWSPAPER
50.13 CONTRACT CLAUSES REGARDING LIABILITY
50.14 PRINTING SERVICES

CHAPTER 50
COUNTY PURCHASING PROCEDURES

50.01 DEFINITIONS. As used in this Chapter:

- (a) "County Committee" means the Committee of the County Board which has, by its rules or other action, been assigned as the liaison or operational committee for the office or department making the expenditure.
- (b) "Public Work" means a construction project which is for the use of the public for which tax-levied funds are expended and for which no statutory exclusions from such term exists (such as turn-key projects financed with industrial revenue bonds).
- (c) "Materials" means something that enters into or forms part of a finished structure or is capable of such use.
- (d) "Service" means acts to assist or perform specific duties or work for others.
- (e) "Supplies" means something that is used or consumed or which is capable of such use.
- (f) "Equipment" means things used to do other things, such as supplies, furnishings, etc., and includes items such as office machines, motor vehicles, construction machinery, etc.

50.02 WHEN PUBLIC BIDDING REQUIRED. Except as herein specifically provided, public bids shall be sought prior to entry into a contract for the following:

- (a) Public works construction projects, including construction, repair, remodeling, or improving any structure or road when the estimated cost thereof shall exceed Ten Thousand Dollars (\$10,000.00). Such projects shall comply with the provisions of sec. 66.29, Stats.
- (b) Purchase of equipment, materials, and supplies when the estimated cost thereof shall exceed Ten Thousand Dollars (\$10,000.00), except when purchasing unique one-of-a-kind items or when compatibility with existing equipment is a required condition.
- (c) When entering into a group purchasing service contract (that is, where the group is an entity which obtains prices from multiple vendors and passes the best price on to its members for "supplies" [as defined above]) and the quarterly expenditures thereunder shall exceed Ten Thousand Dollars (\$10,000.00), then compliance with this section shall be had by advertising for bids or quotes for such service from any vendor or group service provider.
- (d) Whenever state or federal group purchase contracts exist under which the

County is eligible to participate, then the public bidding requirements of this Chapter need not be followed.

(e) Notwithstanding any statute or County procedure for public purchases, any County unit may make purchases from another unit of government, including the state or federal government, without the intervention of bids.

(f) Whenever utilizing subsections (c), (d), and (e), above, prior thereto the County shall first submit the proposed purchase to public bids so that it may determine whether the nonbid purchase is competitive; and where group purchase service contracts are utilized, at least every two (2) years renewal of the service shall require the bid-testing process.

50.03 WHEN PUBLIC BIDDING OPTIONAL. Any contracts or purchases not included under Section 50.02, above, or unique one-of-a-kind items may be accomplished either through public bids or solicited quotations, requests for proposals or negotiated price, or any other procedure as the County Committee shall deem appropriate, all subject to Section 50.13 and the following:

- (a) When the estimated cost thereof is between Five Thousand Dollars (\$5,000.00) and Twenty Thousand Dollars (\$20,000.00), a notice (in the form of a display advertisement) shall be published in the official County newspaper at least one (1) week before the contract is entered into, notifying of the County's intent to acquire the item(s) or to enter into the work.
- (b) Such advertisement shall in summary fashion describe the proposed purchase and invite any interested party to submit competitive price quotes for the County Committee's consideration.

50.04 CONTRACTS FOR SERVICES. Contracts for services shall be let in the manner approved by the Committee signing them, subject to Section 50.13. Every effort shall be made to ensure competitive pricing and fair and open dealing with regard to such contracts.

50.05 BIDDING PROCEDURE. Where public bidding is required, the procedure set forth in sec. 66.29, Stats., shall be followed and the following requirements shall also be met:

- (a) Advertisement. A display advertisement shall be published in the official County newspaper. Additional publications may be utilized if deemed appropriate by the County Committee. The optional advertisement shall be published as directed by the Committee.
- (1) The required display advertisement shall be published twice, with the first publication preceding the bidding deadline by at least ten (10) days and the second publication preceding the bidding deadline by at least three (3) days. Where complex or voluminous specifications are involved the lead time shall be enlarged to permit adequate time to properly respond to the request for bids.
- The County Committee involved may vary the above time frame by unanimous vote of the entire Committee but when doing so, the basis for such action shall be set forth in detail in the Committee Meeting Minutes.
- (2) The display advertisement shall consist of an appropriate-sized block newspaper ad sufficient to give interested vendors notice of the anticipated expenditure.
- (3) The advertisement may include the exact specifications upon which the bids are to be prepared or it may indicate the general nature of the anticipated expenditure and indicate where exact specifications can be obtained if any are available.
- (b) Alternative Bids. Where no specifications are available or are referenced to a particular manufacturer as the standard, interested vendors shall be authorized to submit more than one (1) setting forth their own specifications of each particular material or supply submitted by the vendor.
- (c) Public Openings. All bids shall be submitted in sealed envelopes upon which it is clearly designated that it is a bid for the item or project

involved and such bid shall be opened at a public opening, and the time of said opening shall be published in the advertisement for bids, and in no event shall a bid be received any time after the time scheduled for the receipt of bids. The power to reject any or all bids shall exist unless expressly waived.

50.06 RESPONSIBLE BIDDERS. In purchase situations where state law does not require bidders' proof of financial responsibility, the County may nevertheless require bidders to submit proof of their financial ability, equipment, and experience for the anticipated expenditures proposed for the public contract. The Committee may consider past workmanship, business dealings, and performance of the bidder in addition to financial aspects when determining the bidder's responsibility. Whenever the Committee is not satisfied with the bidder's responsibility, it may reject said bid or disregard the same, but whenever practical, if the County intends to reject a bid under this Section, it should be done prior to opening the bid.

50.07 WITHDRAWAL OF BIDS. Bids may be withdrawn any time prior to the opening upon written request of the bidder. If a bidder withdraws the bid, that bidder shall be prohibited from rebidding on the same project unless the project is advertised and re-bid by the County. Negligence on the part of the bidder in preparing the bid shall not constitute a right to withdraw the bid subsequent to opening.

50.08 USED EQUIPMENT PURCHASES. If the County proposes to purchase used equipment, a notice of such intent complying with the procedures and the time and content requirements set forth in Section 50.03 above shall be published.

50.09 EXTREME EMERGENCY. The County Board is empowered to declare, by ordinance or resolution, adopted in formal session by a vote, an emergency existing within the County which shall eliminate the required bidding procedure set forth above.

50.10 INTERNAL PURCHASING PROCEDURES. The provisions of this Section are for internal procedural purposes and vendors may not challenge the procedure, but such matters are reserved to the County Board:

(a) Operational Material and Supplies. Each Department Head is authorized to acquire non-capital items for the operation of the involved Department within the limits of the approved budget for that office, Department, or function, subject to the audit of the County Board Committee acting as liaison for that office, Department, or function. Where a County or Committee policy has established a group purchasing procedure, it shall be followed except when the involved Committee shall have in advance authorized the departure from such procedure.

Uniform "requisition" or "invoice" forms shall be provided by the Finance Department for payment and audit purposes.

(b) Capital Outlay Items. All capital outlay purchases shall first be approved by the involved Committee. (Approval of budget requests for such items is not the same as purchase approval.)

(c) Purchase of Non-Budgeted Capital Outlay Items. If purchase of an outlay item is required which was not included in the current budget, the Department Head shall first obtain the approval of the involved Committee. After this approval is obtained, the Finance Committee shall be contacted to provide the funds through substitution if substitute funds are available. If the current request is a substitution for an item already in the budget, the Finance Committee may authorize that the funds provided for the original budget item be used for the requested purpose.

If no funds are available in the current budget, the involved Committee shall present a Resolution to the Board to appropriate or transfer funds for said

purchase but only in the event of compelling urgency. Appropriation of funds through the budgetary process shall be the preferred method.

50.11 INTERPRETATION. The herein Ordinance shall be liberally interpreted to permit the County to exercise broad discretion in ensuring that the County obtains the "best" price when spending public funds. It is hereby recognized that the lowest bid may not be the "best" price to the County as maintenance costs, life of the equipment, and other factors may result in the lowest price at the time of purchase becoming the highest price over the life of the product or project. When exercising its discretion as to which bid or quote to accept, the "best" price should be sought, and if such price is not the "lowest," then justification of non-purchase of the low bid shall be set forth in detail in the Committee Minutes.

50.12 OFFICIAL COUNTY NEWSPAPER. The County Clerk shall prepare a list of newspapers that comply with the requirements of Chapter 985, Stats., so as to be eligible for use as the publisher of the County's legal notices. The list shall include current charges for publication of notices and audited paid circulation figures and shall be updated at least annually. The Finance Committee shall be presented with the list and shall then designate a newspaper as the official County newspaper, which designation shall remain in effect until changed by the Finance Committee.

50.13 CONTRACT CLAUSES REGARDING LIABILITY. No contract with any contractor, professional, consultant, supplier, or other vendor to Sheboygan County may include any provision limiting or shifting the vendor's potential liability to Sheboygan County. By way of illustration but not limitation, this Section prohibits contract provisions that:

- (a) limit liability to the amount of the purchase price, or any other amount;
- (b) disallow claims for indirect, incidental, special or consequential damages;
- (c) require the County to indemnify the vendor in any circumstance;
- (d) establish the venue for litigation as any situs other than Sheboygan County Circuit Court or, if applicable, the United States District Court, Eastern District of Wisconsin;
- (e) define the substantive and procedural law to be applied in any dispute as the law of any jurisdiction other than Wisconsin;
- (f) shift any vendor's liability to third parties from the vendor to the County;
- (g) shorten the statute of limitations;
- (h) disclaim or waive warranties by the vendor;
- (i) require the County to hold the vendor harmless from third party claims; or
- (j) place responsibility on the County in any circumstance for any part of the vendor's attorney fees or other costs.

If a prospective vendor insists on inclusion of contract language that does not comply with this section, and if the liaison committee wishes to enter into such contract because of the unavailability of comparable and competitive vendors, the contract may be entered into only if approved by the Executive Committee.

50.14 PRINTING SERVICES. No expenditure for commercial printing, duplicating, or publishing may be made if the project could be produced by the County Printing Department as economically as the commercial printer. Exceptions may be authorized by the Printing Department Supervisor. Exceptions may also be authorized by the Liaison Committee if the Printing Department Supervisor declines to authorize an exception, provided that Liaison Committee authorizations must be reported to the Personnel Committee and the Finance Committee in a written report that justifies the reason for the exception.

APPENDIX D

LAND INFORMATION INVENTORY

for

Sheboygan County Land Information
Modernization Plan

LAND RECORDS INVENTORY

Agency/Entity: Sheboygan County Land and Water Conservation Department (Authority 92.06 WI Statutes)

<u>Title or Description of Land Record</u>	<u>Scale</u>	<u>Qty.</u>	<u>Format</u>	<u>Where and How is this Land Record Stored?</u>
Conservation Plans	660	1,000	Map Document	File Cabinet
Watershed Contracts		150+	Document	LWCD computers, file cabinet, and Register of Deeds Office
Township Aerial Photos	660	550+	Digital Document	Floppy disks File Cabinet
Sheboygan County Soil Survey	1:15,840	1 set	Document Digital	A paper copy of these maps is kept in this office. Originates with USDA-NRCS LWCD/ USDA/NRCS Computer System.
Aerial Photography	1"=400'	135	Mylars	Stored in flat files
Farmland Preservation Zoning Certificates		1,000	Paper	Landowner Administrative File/Originals at Planning & Resource Department
USGS Topo Quads	1:24000	19	Paper	Stored in flat files

*Agency/Entity: Sheboygan County Highway Department
(Authority 83.01 WI Statutes)*

<u>Title or Description of Land Record</u>	<u>Scale</u>	<u>Qty.</u>	<u>Format</u>	<u>Where and How is this Land Record Stored?</u>
Relocation Orders	N/A	100±	Document	Stored on paper in vault.
Highway Plans	Varies	500±	Maps	Older plans are stored on paper in vault. Recent plans are stored on streamer tape in County Surveyors office.
Right-of-Way Plats	Varies	100±	Maps	One paper copy is stored in the Clerk's office, additional copies are stored on paper in vault. Recent plats are stored on streamer tape.
Right-of-Way Deeds	N/A	2,000±	Document	Stored on paper in vault and/or County Surveyors Office.
Utility Permits	Varies	2,000±	Map and Document	Stored on paper in office.

*Agency/Entity: Sheboygan County Surveyor
(Authority 59.45 WI Statutes)*

<u>Title or Description of Land Record</u>	<u>Scale</u>	<u>Qty.</u>	<u>Format</u>	<u>Where and How is this Land Record Stored?</u>
Section Corner Ties	None	3,000±	Document	Original mylars, more up-to-date copies and all field notes are in the Surveyor's office, newer computations are stored on streamer tape.

<u>Title or Description of Land Record</u>	<u>Scale</u>	<u>Qty.</u>	<u>Format</u>	<u>Where and How is this Land Record Stored?</u>
USGS Topo Quads	1:24000	19	Paper	Stored in flat files
Section Dossier Sheets	None	300±	Document	Old section dossier sheets are stored in the office on paper, some (recent work with county plane coordinates) are stored on streamer tape, on hard drive, and on paper in the Surveyor's office.
Town Road Records	N/A	2,000±	Document	The Highway Commissioner's copy of the town road records (req. by 83.01 WI Stat.) are stored on paper in the Surveyor's Office. Some record indexes are stored on hard drive and on paper.
County Surveyor's Notes	N/A	2,000±	Field books Maps and Documents	Original copies of Co Surveyor notes dating to 1839 are stored in the Surveyor's office. A xerox "work copy" also stored here.
Highway Plans	Varies	500±	Map	Highway plans are stored on paper in the County Surveyor's vault. Recent plans are also stored on streamer tape.
Right-of-Way Plats	Varies	100±	Maps	One paper copy is stored in Clerk's Office. Additional copies are stored on paper in vault. Recent plats are stored on streamer tape.
Highway Deeds	N/A	2,000±	Document	Most original highway deeds are stored in the Highway Commissioners vault, recent ones are in the office (they originate here).
Miscellaneous Surveys and Drawings other County Properties	Varies	100±	Maps and Data	Stored on paper and/or streamer tapes.

<u>Title or Description of Land Record</u>	<u>Scale</u>	<u>Qty.</u>	<u>Format</u>	<u>Where and How is this Land Record Stored?</u>
Plats of Survey	Varies	20,000±	Maps	(Required by Statute). Filed at the Real Property Listing office and maintained by them at that location.
Wetlands Maps	1"=2,000'	1 set	Maps	A paper copy of the current county wetland maps are stored in the Surveyor's office. Originates with Co. Planner.
Floodplain Maps	Varies	1 set	Maps and Data	A paper copy of the Sheboygan County "FEMA" floodplain maps are stored in the Surveyor's office. Originates with the Co. Planner.
Vertical Control Information	N/A	1 set	Data	A paper copy of USGS vertical control and County vertical control information is stored in the Surveyor's office.
Original Government Survey (OGS) Survey Notes	40 chains = 1 inch	1 set	Document and Maps	A xerox copy of the OGS survey notes are stored in the office. Originates with the Register of Deeds.
Driveway Permits	N/A	Less than 1,000	Document	Original copies are kept in the Surveyors office.
Sheboygan County Soil Survey	1:15,840	1 set	Document and Data	A paper copy of these maps is kept in this office. Originates with Soil Conservation Service.
County GPS Control Survey Records	1"=2,000'	1 set	Digital Files w/supporting digital and hard copy meta-data.	On disk, streamer tape, hard drive in County Surveyor's files and as part of GIS.

<u>Title or Description of Land Record</u>	<u>Scale</u>	<u>Qty.</u>	<u>Format</u>	<u>Where and How is this Land Record Stored?</u>
County Section Corner Control Records	1"=1"	1 set	Digital Files Paper Copies	On disk and streamer tape backup.

*Agency/Entity: Sheboygan County Sheriff's Department
Emergency Government and Highway Safety
(Authority 166.03 WI Statutes)*

<u>Title or Description of Land Record</u>	<u>Scale</u>	<u>Qty.</u>	<u>Format</u>	<u>Where and How is this Land Record Stored?</u>
Accident Location File		Approx. 2,000/yr	Worksaver Data	Worksaver - Word Ready Program
Spot Map Accident Location	1"-1,000'	27	Map	Originals in Planning and Resource Dept. Map Rack - Highway Safety Coord. Office.
Rural Numbering	None	19	Map	Originals in Planning and Resource Dept. Working copies in Emergency Government Response Center.

*Agency/Entity: Sheboygan County Real Property Listing
(Authority 70.09 WI Statutes)*

<u>Title or Description of Land Record</u>	<u>Scale</u>	<u>Qty.</u>	<u>Format</u>	<u>Where and How is this Land Record Stored?</u>
Real Estate and Personal Property Assessment Roll		27	Paper and Digital	Public search area (hard copy) IS (disk)
Preliminary RE/PP Property Assessment Rolls		27	Paper/Digital	Public search area(hard copy) IS (disk)

<u>Title or Description of Land Record</u>	<u>Scale</u>	<u>Qty.</u>	<u>Format</u>	<u>Where and How is this Land Record Stored?</u>
Computer Search References				
*EGTS: Acreage, Documents, Fair Market Value Lottery Credit, Map Number, Property Notes, Ownership, PIN#, Property Assessment, RE Tax History, Site Address		4	Computer	Public search area
*LAREDO: Recorded Documents				
*PARCEL INFO ReAPub: Acreage, Documents, Fair Market Value, Lottery Credit, Map Number, Ownership, PIN#, Property Assessment, Site Address				
*COUNTY WEBSITE: Acreage, Documents, Fair Market Value, Lottery Credit, PIN#, Property Assessment, RE Tax History, Site Address, Tax Maps				
Certified Survey Maps				
*Recorded		Vol.1-21	Paper Computer	Back Office File Access LAREDO
Survey Maps – Unrecorded				
*A Surveys		#1-#31, 167	Paper	Public search area
*B Surveys		#1001-2423	Paper	Public search area
*BB Surveys		#1000-#2222	Paper	Public search area
*C Surveys		#2001-#2742	Paper	Public search area
Transportation Plats-Small		7	Paper	Public search area
Transportation Plats-Large		#1-#77+	Paper	Library area
Highway, Unrecorded – Small		#1-#190	Paper	Public search area
Railroad Maps		16	Paper	Closet storage
		35		

<u>Title or Description of Land Record</u>	<u>Scale or Scale of Source Data</u>	<u>Qty.</u>	<u>Format</u>	<u>Where and How is this Land Record Stored?</u>
Map Assortment		165+	Paper	Public search area/Closet storage
Tax Maps-Small (By Municipality)			Paper	Public search area
Old Survey Files/Plat (By Municipality)			Paper	Public search area
Tract Index (By Municipality) *Retired Indexes		34	Books	Public search area Library area
3" x 5" Index Reference Cards	4 File Cab.		Paper	Library area
RE/PP Municipality Indexes: Alpha, Address, Match			Paper/Digital	Public search area (hard copy) IS (disk)
2004 Sheboygan County Plat Book		1	Paper	Public search area
Indexes: Municipalities, CSM's, Section Corners, Road Lists, Alphabetical, Parcel		13	Binders	Public search area
Parcel Maps			Paper/Digital Mylar	Public search area, closet storage, computer (GIS)
Assessor Rolls/Work Documents/Transfers/ Tax Rate Sheets/Manufacturing/Sanitary Districts/TIF Districts/Voids/Forest Crop- Managed Forest/GEO Codes			Paper/Digital	General office files, closet storage, IS (disk)
Assessor/Municipal Clerk Supplies			Paper/Digital	Back office; Available DNR website

*Agency/Entity: Sheboygan County Planning and Resources Department
(Authority 59.69 WI Statutes)*

<u>Title or Description of Land Record</u>	<u>Scale or Scale of Source Data</u>	<u>Qty.</u>	<u>Format</u>	<u>Where and How is this Land Record Stored?</u>
1961 Aerial Photography	1"=660' +/-	29	Photo Paper	Planning Department flat file
1967 Aerial Photography	1"=660' +/-	136	Photo Paper	Planning Department flat file
1971 Aerial Photography	1"=1320' +/-	910	Photo Paper	Planning Department in boxes
1990 Aerial Photography	1"=400'	135	Mylar	Planning Department flat file
1995 Aerial Photography	1"=400'	135	Mylar	Planning Department flat file
2000 Aerial Photography	1"=400'	135	Mylar	Planning Department flat file
1992 Orthophotography	1 meter pixel	NA	Digital	Information Systems server
2003 Orthophotography	6" pixel	NA	Digital	Information Systems server
2002 Marsh Orthophotography	6" pixel	NA	Digital	Information Systems server
2003 Marsh Orthophotography	6" pixel	NA	Digital	Information Systems server
USGS 7.5' Quadrangle Maps	1:24000	NA	Digital	Information Systems server
USGS 7.5' Quadrangle Maps	1:24000	19	Paper	Planning Department flat file
Flood Insurance Rate Maps	1"=2000'	15	Paper	Planning Department flat file
Wetland Mapping	1:24000	NA	Digital	Information Systems server

<u>Title or Description of Land Record</u>	<u>Scale or Scale of Source Data</u>	<u>Qty.</u>	<u>Format</u>	<u>Where and How is this Land Record Stored?</u>
Soils Mapping	1:15840	NA	Digital	Information Systems server
Township Zoning Mapping	+/- 8'	NA	Digital	Information Systems server
Address Maps	1"=400'	NA	Digital	Information Systems server
Navigable Stream Inventory	1"=400'	NA	Digital	Information Systems server
Shoreland-Floodplain Jurisdiction	1"=400' & 1"=2000'	NA	Digital	Information Systems server
Road Centerlines	1"=400'	NA	Digital	Information Systems server
Countywide Road Name List		NA	Digital	Information Systems server
CSM Boundaries	+/- 8'	NA	Digital	Information Systems server
Fire Department Service Boundaries	1"=400'	NA	Digital	Information Systems server
Jaws of Life Service Boundaries	1"=400'	NA	Digital	Information Systems server
Ambulance Service Boundaries	1"=400'	NA	Digital	Information Systems server
First Responder Service Boundaries	1"=400'	NA	Digital	Information Systems server
County Trail System	+/- 3 meters	NA	Digital	Information Systems server
Lakes	1"=400'	NA	Digital	Information Systems server
Countywide 2' Contours		NA	Digital	Information Systems server

<u>Title or Description of Land Record</u>	<u>Scale or Scale of Source Data</u>	<u>Qty.</u>	<u>Format</u>	<u>Where and How is this Land Record Stored?</u>
Outdoor Recreation Parcels	1"=400'	NA	Digital	Information Systems server
Sanitary Permit Drawings	1"=400'	910	Digital	Information Systems server
Shoreland Permit Drawings	1"=400'	260	Digital	Information Systems server
Sanitary Permits		6,275	Paper	Planning Department file cabinet Digital index
Shoreland Permits		1,565	Paper	Planning Department file cabinet Digital index
Septic Tank Abandonment Permits		2,360	Paper	Planning Department file cabinet
Field Sheets		2,000	Paper	Planning Department file cabinet
Soil Test Reports		500	Paper	Planning Department file cabinet
Holding Tank Pumping Reports		650	Paper	Planning Department file cabinet
Septic System Inspections		778	Paper	Planning Department file cabinet
Farmland Preservation Zoning Certificates		1,000	Paper	Planning Department file cabinet
Rural Number Address Assignments		5,000	Paper	Planning Department file cabinet
Certified Survey Map Checksheets			Paper	Planning Department binders
Permits / Field Sheets / Soil Test Index Maps		500 +/-	Paper	Planning Department binders

*Agency/Entity: Sheboygan County Register of Deeds
(Authority 59.43 WI Statutes)*

<u>Title or Description of Land Record</u>	<u>Scale</u>	<u>Qty.</u>	<u>Format</u>	<u>Where and How is this Land Record Stored?</u>
Plats	Varies	1,000±	Mylar or Linen/Rag	Hanging cabinets
Certified Survey Maps (CSMs)	Varies	3,107+	Heavy Paper	Binders
Federal Tax	N/A	Thousands	Paper	File Cabinets
Notice of Foreclosure (NLP)	N/A	Thousands	Paper	File Cabinets
Annexations and Corp. Boundary's	N/A	3 drwrs.	Paper	File Cabinets
Deeds, Mortgages, Probate, Assignments, etc.	N/A	17,586,000±	Paper and Microfilm	Register of Deeds vault - binders micro- film filing cabinets, original microfilm offsite and scanned images.
Reception Indexes	N/A	200±	Rag, Paper	Vault - Register of Deeds, Laredo digital
Indexes to Leases, Contracts	N/A	10±	Rag, Paper	Vault - Register of Deeds, Laredo digital
Miscellaneous Indexes	N/A	5±	Rag, Paper	Vault - Register of Deeds, Laredo digital
Journal of Records and Numbers	N/A	56	Rag, Paper	Vault - Register of Deeds, Laredo digital
Tract Indexes	N/A	41	Rag, Paper	Vault - Register of Deeds Now digital on Laredo.
Abstracts	N/A	30	Rag, Paper	Vault - Register of Deeds

<u>Title or Description of Land Record</u>	<u>Scale</u>	<u>Qty.</u>	<u>Format</u>	<u>Where and How is this Land Record Stored?</u>
Surveyor Field Notes	N/A	1 drawer	Paper	Vault - Register of Deeds
Old Census Records	N/A	3 boxes	Paper	Vault - Register of Deeds

Agency/Entity: Sheboygan County Information Systems Department

<u>Title or Description of Land Record</u>	<u>Scale or Scale of Source Data</u>	<u>Qty.</u>	<u>Format</u>	<u>Where and How is this Land Record Stored?</u>
Address Point Location (City/Cnty)	1:1	3	ESRI Shape file	Windows 2000 Data Server / SANS
1990-1995 Census Tiger	1:1	27	ESRI Shape file	Windows 2000 Data Server / SANS Download data from Internet
2000 Census Tiger	1:1	29	ESRI Shape file	Windows 2000 Data Server / SANS Download data from Internet
City of Sheboygan Parcels	1:1	1	ESRI Shape file / Dwg	Windows 2000 Data Server / SANS Data provided by City of Sheboygan
City of Sheboygan Road Centerline	1:1	1	ESRI Shape file / Dwg	Windows 2000 Data Server / SANS Data provided by City of Sheboygan
City of Sheboygan Buildings	1:1	1	ESRI Shape file / Dwg	Windows 2000 Data Server / SANS Data provided by City of Sheboygan
County Supervisor Districts	1:1	1	ESRI Shape / Coverage	Windows 2000 Data Server / SANS

<u>Title or Description of Land Record</u>	<u>Scale or Scale of Source Data</u>	<u>Qty.</u>	<u>Format</u>	<u>Where and How is this Land Record Stored?</u>
Voting Wards	1:1	1	ESRI Shape / Coverage	Windows 2000 Data Server / SANS
Sanitary Districts	1:1	2	ESRI Shape file	Windows 2000 Data Server / SANS
DNR Trails	1:1	1	ESRI Shape / Coverage	Windows 2000 Data Server / SANS Data provided by DNR
DNR LandUse	1:1	1	ESRI Shape / Coverage	Windows 2000 Data Server / SANS Data provided by DNR
DNR Watershed	1:1	1	ESRI Shape / Coverage	Windows 2000 Data Server / SANS Data provided by DNR
Environmental Corridors (Baylakes RPC)	1:1	1	ESRI Shape file	Windows 2000 Data Server / SANS Data provided by Baylakes RPC
Environmental Corridors (SEWPC)	1:1	1	ESRI Shape file	Windows 2000 Data Server / SANS Data provided by SEWPC
Floodplain	1:1	1	ESRI Shape / Coverage	Windows 2000 Data Server / SANS - Data digitized from paper copy "FEMA" Floodplain maps
Parcel Polygon	1:1	1	ESRI Personal Geodatabase	Windows 2000 Data Server / SANS
Parcel Attribute table	NA	15	Dbf file	Windows 2000 Data Server / SANS Download from SQL Tax server
Schools	1:1	1	ESRI Personal Geodatabase	Windows 2000 Data Server / SANS
Hospitals	1:1	1	ESRI Personal Geodatabase	Windows 2000 Data Server / SANS

<u>Title or Description of Land Record</u>	<u>Scale or Scale of Source Data</u>	<u>Qty.</u>	<u>Format</u>	<u>Where and How is this Land Record Stored?</u>
Pharmacies	1:1	1	ESRI Personal Geodatabase	Windows 2000 Data Server / SANS
Community Based Residential Facility	1:1	1	ESRI Personal Geodatabase	Windows 2000 Data Server / SANS
Adult Daycare Facility	1:1	1	ESRI Personal Geodatabase	Windows 2000 Data Server / SANS
1995 Planimetric	1:1	1	ESRI Personal Geodatabase	Windows 2000 Data Server / SANS
Geodetic Point Location	1:1	1	ESRI Shape File	Windows 2000 Data Server / SANS Point locations linked to scanned GPS Monument Data Sheets
Land Use (Baylakes RPC)	1:1	1	ESRI Shape file	Windows 2000 Data Server / SANS Data provided by Baylakes RPC
2' Latitude / Longitude Grid	1:1	1	ESRI Coverage / Dwg	Windows 2000 Data Server / SANS
Scanned Survey Images Survey point locations	Varies 1:1	+35,000 15	Tif Images / Djvu ESRI Shape	Windows 2000 Data Server / SANS Windows 2000 Data Server / SANS Point location linked to scanned survey images
Tax Maps	1:1	1	ESRI Shape / Coverage	Windows 2000 Data Server / SANS Polygons linked to scanned images of section maps
Scanned Section map Images	1"= 400'		+500 Tif Images	Windows 2000 Data Server / SANS
Scanned Plat map Images	Varies	+2,700	Tif Images	Windows 2000 Data Server / SANS

<u>Title or Description of Land Record</u>	<u>Scale or Scale of Source Data</u>	<u>Qty.</u>	<u>Format</u>	<u>Where and How is this Land Record Stored?</u>
Scanned Sec Corner Tie Sheets	NTS	+2,000	Tif Images	Windows 2000 Data Server / SANS
Town polygon	1:1	15	ESRI Shape	Windows 2000 Data Server / SANS

1 SHEBOYGAN COUNTY RESOLUTION NO. 21 (2005/06)

2
3 Re: Adopting Sheboygan County Land Information Modernization Plan
4 Dated May 2005
5

6
7 **WHEREAS**, in 1997, Sheboygan County adopted a Land Records Modernization Plan
8 [Resolution No. 1 (1997/98)] that received approval from the State of Wisconsin Land Information
9 Board pursuant to Wis. Stat. §§ 16.967 and 59.72, which Plan was amended by Resolution No. 25
10 (2004/05), and
11

12 **WHEREAS**, implementation of the Plan in 1997 allowed Sheboygan County to receive state
13 grants and to utilize funds in a segregated account generated by increased recording fees collected
14 by the Sheboygan County Register of Deeds' Office for land records modernization projects,
15 including design of the Sheboygan County Coordinate Grid, completion of the section corner
16 control survey, purchase of geographical information system (GIS) hardware and software, and
17 digital parcel mapping, and
18

19 **WHEREAS**, the benefits of the land records modernization projects have included:
20

- 21 • Improved accuracy of data
22 • Speedier retrieval of data
23 • Improved information access, and
24

25 **WHEREAS**, the Plan adopted in 1997 is due to expire and it is necessary to implement an
26 updated Plan in order to retain eligibility for grant funding from the State and to be allowed to utilize
27 the funds in the segregated account;
28

29 **NOW, THEREFORE, BE IT RESOLVED** that by the adoption of this Resolution the
30 Sheboygan County Board of Supervisors does hereby accept and adopt the Sheboygan County
31 Land Information Modernization Plan dated May 2005, a copy of which is on file in the Office of the
32 Sheboygan County Clerk, and does hereby authorize that such Plan be submitted for approval to
33 the Wisconsin Land Information Board under Wis. Stat. §§ 16.967 and 59.72.
34

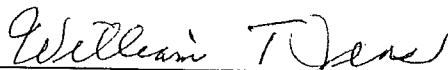
35 **BE IT FURTHER RESOLVED** that the Sheboygan County Land Records Board is
36 authorized to submit applications from time to time to the Wisconsin Land Information Board for
37 grant funds to be used for land records modernization projects that will not be fully funded by the
38 segregated account generated by increased Sheboygan County recording fees.
39

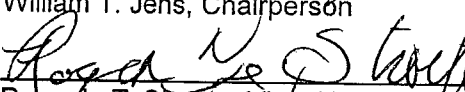
40 **BE IT FURTHER RESOLVED** that upon award of such a grant to Sheboygan County, the
41 County Board Chairperson is authorized to sign the grant agreement with the Wisconsin Land
42

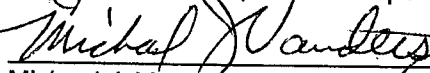
43 Information Board after approval by the Sheboygan County Land Records Board and the Finance
44 Committee.
45
46

47 Respectfully submitted this 27th day of September, 2005.
48
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50


51 **FINANCE COMMITTEE**

52 
53 William T. Jens, Chairperson
54

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56 Roger L. TeStroete, Vice-Chairperson
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58 
59 Michael J. Vandersteen, Secretary
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62 Mark S. Winkel
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65 Constance Ziegelbauer
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70 Opposed to Introduction:
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SHEBOYGAN COUNTY RESOLUTION NO. 24 (2008/09)

Re: **Amending Sheboygan County Land Information Modernization Plan**
Dated May 2005

WHEREAS, on October 18, 2005, the Sheboygan County Board, by Resolution No. 21 (2005/06), adopted the Sheboygan County Land Information Modernization Plan dated May 2005 ("the Plan") pursuant to Wis. Stat. §§ 19.967 and 59.72, and

WHEREAS, by its terms, the Plan had no finite term but rather was intended to be a "living document," and

WHEREAS, the members of the Sheboygan County Land Records Board as established under the Plan have identified portions of the Plan which requires amending and updating to provide the most flexibility in fulfilling the goals and objectives of the Plan;

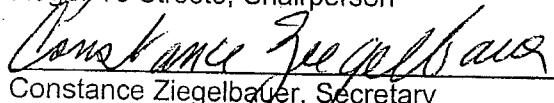
NOW, THEREFORE, BE IT RESOLVED by the Sheboygan County Board of Supervisors that the Sheboygan County Land Information Modernization Plan dated May 2005, a copy of which is on file in the office of the County Clerk be amended in the following respects:

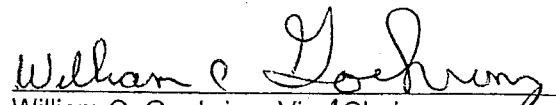
1. Back image land records to at least 1992; including federal tax liens while maintaining the historic paper copies and their binders;
2. Update and maintain the existing "Red Book" parcel records (formally the WPA Gray Book parcel records), including their binders.

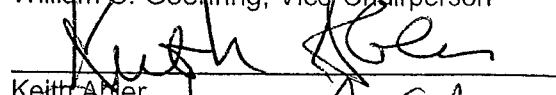
Respectfully submitted this 4th day of November, 2008.

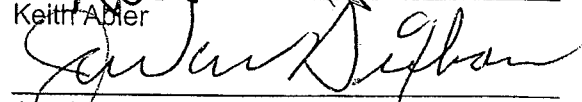
FINANCE COMMITTEE


Roger Te Stroete, Chairperson


Constance Ziegelbauer, Secretary


William C. Goehring, Vice Chairperson


Keith Adler


Jacob Van Dixhorn

Opposed to Introduction:

SHEBOYGAN COUNTY ORDINANCE NO. 20 (2008/09)

Re: Codifying and Amending Land Records Board Composition

WHEREAS, Wis. Stat. § 59.72 provides that counties may establish a land information office or may direct that the functions and duties of a land information office may be undertaken by an existing board or office, and

WHEREAS, one of the responsibilities of a land information office is to prepare a land information modernization plan for the county and obtain compliance with Wis. Stat. § 16.967 in order to obtain land record modernization funding, and

WHEREAS, the Sheboygan County Board, through the adoption of Resolution No. 13 (1993/94), designated the Sheboygan Surveyor as the Sheboygan County Land Information officer and created a Land Records Board which reports to the Finance Committee, and

WHEREAS, the Land Records Board has taken the lead on developing Sheboygan County's Land Information Modernization Plan, the current version of which was adopted by the County Board through Resolution No. 21 (2005/06) and amended by the adoption of Resolution No. 24 (2008/09), and

WHEREAS, with the elimination of the stand-alone tax lister position through the enactment of Ordinance No. 10 (2008/09), it is necessary that the composition of the Land Records Board be revised and codified;

NOW, THEREFORE, the County Board of Supervisors of the County of Sheboygan does ordain as follows:

Section 1. Creating Chapter 6, Land Records Board. A new chapter is hereby created in the Sheboygan County Code of Ordinances as follows:

Chapter 6
Land Records Board

6.01 COUNTY LAND RECORDS BOARD. In accordance with Wis. Stat. §§ 16.967 and 59.72, there is created a County Land Records Board consisting of the following members:

- (1) The County Surveyor/Engineer.
- (2) The Register of Deeds
- (3) The County Treasurer
- (4) The Planning Director
- (5) The Information Systems Director
- (6) The County Conservationist
- (7) The County Finance Director
- (8) The Emergency Management Director

6.02 OFFICERS. The County Surveyor/Engineer is designated as the County Land Information Officer and shall serve as Chairperson of the Board. The members shall periodically select such officers from their membership as may be necessary to conclude the business of the Board.

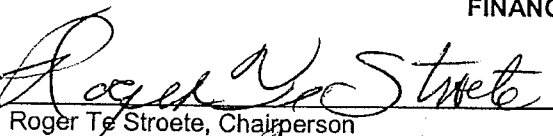
6.03 RESPONSIBILITIES AND DUTIES. It shall be the duty and responsibility of the Board to:

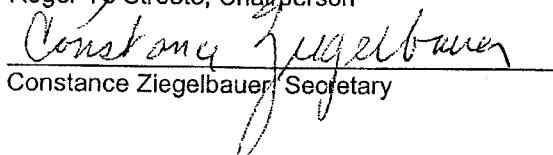
- (1) review the present system of land records management to determine where improvements are needed; to follow state and federal initiation; and to ascertain costs and benefits involved;
- (2) to develop and recommend revisions to the County land Information Modernization Plan;
- (3) to review County compliance with the County Land Information Modernization Plan;
- (4) to coordinate land information projects with the County and between the County and other units of government and the private sector;
- (5) to review and recommend projects for grants, pursuant to Wis. Stat. § 16.967(7);
- (6) to report regularly to the Finance Committee of the County Board.

Section 2. **Effective Date.** The herein Ordinance shall take effect upon enactment.

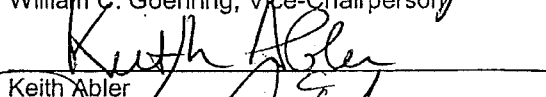
Respectfully submitted this 17th day of March, 2009.

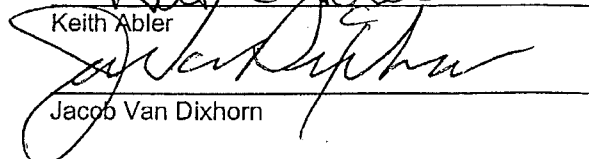
FINANCE COMMITTEE


Roger Te Stroete, Chairperson


Constance Ziegelbauer, Secretary


William C. Goehring, Vice-Chairperson


Keith Abler


Jacob Van Dixhorn

Opposed to Introduction:

Countersigned by:

Michael J. Vandersteen, Chairperson

[See attached cost analysis compiled by the Finance Department, if applicable, as required by Ordinance No. 9 (1992/93) as amended by Ordinance No. 14 (1995/96).]

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SHEBOYGAN COUNTY RESOLUTION NO. 37 (2008/09)

Re: Amending Land Records Modernization Plan

WHEREAS, Wis. Stat. § 59.72 provides that counties may establish a land information office or may direct that the functions and duties of a land information office may be undertaken by an existing board or office, and

WHEREAS, one of the responsibilities of a land information office is to prepare a land information modernization plan for the county and obtain compliance with Wis. Stat. § 16.967 in order to obtain land record modernization funding, and

WHEREAS, the Sheboygan County Board, through the adoption of Resolution No. 13 (1993/94), designated the Sheboygan Surveyor as the Sheboygan County Land Information officer and created a Land Records Board which reports to the Finance Committee, and

WHEREAS, the Land Records Board has taken the lead on developing Sheboygan County's Land Information Modernization Plan, the current version of which was adopted by the County Board through Resolution No. 21 (2005/06) and amended by the adoption of Resolution No. 24 (2008/09), and

WHEREAS, with the elimination of the stand-alone tax lister position through the enactment of Ordinance No. 10 (2008/09), it is necessary that the Land Information Modernization Plan be revised;

NOW, THEREFORE, BE IT RESOLVED that the Land Records Modernization Plan adopted by the County Board pursuant to Resolution No. 21 (2005/06) and amended pursuant to Resolution No. 24 (2008/09) be further amended in the following respects:

(a) Paragraph 3 on Page 5 is amended to reflect that the Land Records Board composition does not include the Tax Lister but does include the Emergency Management Director.

(b) The duties of the Real Property Lister's Office as recited on Page 9 are repealed and replaced as follows:

The Treasurer's Office may:

- Acquire technology to allow automatic updates of the tax and assessment rolls at a local level.
- Retire at least one (1) set of parcel numbers which are referred to as the "map numbers" or T numbers. These numbers are a hold-over from the WPA "Gray Book" project and no longer serve any useful purpose. Sheboygan County currently maintains at least three (3) sets of parcel numbers.
- Initiate and coordinate the electronic reporting of municipal assessment data.

- 49 • Review all real estate descriptions in the tax and assessment rolls and
50 abbreviate or condense them when possible.
51

52 The Planning & Resources Department may:

- 53 • Acquire technology to allow more frequent (possibly continuous) updating
54 of the parcel maps.
55 • Prepare stormwater source loading and management modeling.
56
57

58 Respectfully submitted this 17th day of March, 2009.
59
60

61 **FINANCE COMMITTEE**

62
63
64 *Roger Te Stroete*
65 Roger Te Stroete, Chairperson

66 *William C. Goehring*
67 William C. Goehring, Vice-Chairperson

68 *Constance Ziegelbauer*
69 Constance Ziegelbauer, Secretary

70 *Keith Abler*
71 Keith Abler

72 *Jacob Van Dixhorn*
73 Jacob Van Dixhorn

74 Opposed to Introduction:
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SHEBOYGAN COUNTY ORDINANCE NO. 01 (2010/11)

Re: Amending Land Records Board Ordinance

WHEREAS, the Wisconsin legislature recently enacted 2009 WI Act 314 which made certain changes to the State's land information program, and

WHEREAS, as a consequence of these changes, Sheboygan County is required to amend various portions of Chapter 6 of the Sheboygan County Code, the Land Records Board Ordinance;

NOW, THEREFORE, the County Board of Supervisors of the County of Sheboygan does ordain as follows:

Section 1. Amending Code. Chapter 6, Land Records Board, of the Sheboygan County Code of Ordinances is hereby amended as follows (strikeouts indicate deletions, shading indicates additions):

Chapter 6

LAND RECORDS BOARD ~~INFORMATION COUNCIL~~

6.01 COUNTY LAND RECORDS ~~BOARD~~ ~~INFORMATION COUNCIL~~. In accordance with Wis. Stat. §§ 16.967 and 59.72, there is created a County Land Records Board ~~Information Council~~ consisting of the following members:

- (1) The County Surveyor/Engineer
- (2) The Register of Deeds
- (3) The County Treasurer
- (4) The Planning Director
- (5) The Information Systems Director
- (6) The County Conservationist
- (7) The County Finance Director
- (8) The Emergency Management Director
- (9) A realtor or member of the Sheboygan County Realtor's Association as appointed by the County Administrator
- (10) A public safety or emergency communications representative employed within Sheboygan County as appointed by the County Administrator
- (11) A County Supervisor as appointed by the County Board Chairperson

6.02 OFFICERS. The County Surveyor/Engineer is designated as the County Land Information Officer ~~for purposes of compliance with Wis. Stat. § 59.72(3)~~ and shall serve as Chairperson of the Board ~~Council~~. The members shall periodically select such officers from their membership as may be necessary to conclude the business of the Board ~~Council~~.

6.03 RESPONSIBILITIES AND DUTIES. It shall be the duty and responsibility of the Board ~~Council~~ to:



- 50 (1) review the present system of land records management to determine
51 where improvements are needed; to follow state and federal initiation;
52 and to ascertain costs and benefits involved;
53 (2) to develop and recommend revisions to the County Land Information
54 Modernization Plan;
55 (3) to review County compliance with the County Land Information
56 Modernization Plan;
57 (4) to coordinate land information projects with the County and between
58 the County and other units of government and the private sector;
59 (5) to review and recommend projects for grants, pursuant to Wis. Stat. §
60 16.967(7);
61 (6) to report regularly to the Finance Committee of the County Board.
62


63 6.04 MODERNIZATION PLAN REVISION The Land Information Council is
64 authorized and directed to revise and amend the County Modernization Plan
65 which was adopted by the County Board through Resolution No. 21
66 (2005/06) and amended by Resolution Nos. 24 and 37 (2008/09) as may be
67 necessary to conform to any changes which may be required by the
68 encroachment of 2009 WI Act 314.
69

70 Section 2. **Effective Date.** The herein Ordinance shall take effect upon
71 enactment.
72

73
74 Respectfully submitted this 20th day of July, 2010.
75

76
77 **FINANCE COMMITTEE**
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80 
81 Roger Te Stroete, Chairperson
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84 Keith Abler, Secretary
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88 William C. Goehring, Vice-Chairperson
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